12-01-02

PTO/SB/05 (03-01)

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UTILITY PATENT APPLICATION TRANSMITTAL

6884.US.01 Attomey Docket No. First Inventor Pradip Mukerii DESATURASE GENES, ENZYMES ENCODED THEREBY, AND USES THEREOF

Date

January 30, 2002

Express Mail Label No. EL507386199US (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing)
Applicant claims small entity status. Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 109 Specification [Total Pages Computer Readable Form (CRF) oreferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of - Abstract of the Disclosure 10. (when there is an assignee) Attorney English Translation Document (if applicable) 11 Drawing(s) (35 U S. C. 113) [Total Sheets Copies of IDS Information Disclosure 12. 5. Oath or Declaration [Total Pages Citations Statement (IDS)/PTO-1449 Preliminary Amendment 13. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 163(d)(2) and 133(b). or its equivalent. Application Data Sheet. See 37 CFR 1.76 Other 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1. 76: Continuation Continuation-in-part (CIP) of prior application No ___ Prior application information Examiner Group Art Unit For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion inadvertently omitted from the submitted application parts. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below Name Address Zip Code State City Country Telephone Registration No. (Attorney/Agent) 35,441 Cheryl L. Becker Name (Print/Type) Cherry o

Burden Hour Statement: This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27 (\$) 1,920.00

TOTAL AMOUNT OF PAYMENT

Complete if Known		
Application Number		
Filing Date		
First Named Inventor	Pradip Mukerji	
Examiner Name		
Group Art Unit		
Attorney Docket No.	6884.US.01	

Check Gredit card Money Other None Other None Other	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Deposit Account						
Code S Code Cod	X Deposit Account:	Large Entity Small Entity				
The Commissioner is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge fee(s) indicated below, except for the filing fee ☐ the above-identified deposit account ☐ TEE CALCULATION ☐ BASIC FILING FEE ☐ Caree Feetry Small Entity Fee Fee ☐ Fee Fee ☐ Fee Fee ☐ Fee Peald ☐ 108 730 □ 208 370 Resissue filing fee ☐ 108 740 □ 208 370 Resissue filing fee ☐ 114 160 □ 214 80 Provisional filing fee ☐ 115 ☐ 100 □ 330 □ 208 185 □ Design filing fee ☐ 116 ☐ 208 370 Resissue filing fee ☐ 117 ☐ 128 ☐ 320 ☐ 220 ☐ 221 ☐ 138 ☐ 1,510 ☐ 138 ☐ 1,510 ☐ 1,5						
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Substitute Sub	Charge any additional fee(s) during the pendency of this application	1				
Total Claims	Charge fee(s) indicated below, except for the filing fee					
1. BASIC FILING FEE Large Entity Small Entity Fee						
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Fee		116 400 216 200 Extension for reply within second month				
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Total Claims 42 -20*** = 22 x 396 = 0 143 460 243 230 Design issue fee 144 620 244 310 Plant issue fee 144 620 244 310 Plant issue fee 144 620 145		141 1,280 241 640 Petition to revive - unintentional				
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SUBMITTED BY Complete (if applicable)				
Name (Pnnt/Type)	Cheryl L. Becker	Registration No. (Attorney/Agent) 35,441	Telephone	847-935-1729
Signature	Chamb & Bec	ken	Date	1-30-02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Pradip Mukerji, et al.

Filed:

January 30, 2002

Serial No.:

(Not assigned yet)
(Not assigned yet)

Group No.: Examiner:

(Not assigned yet)

Title:

DESATURASE GENES, ENZYMES ENCODED

THEREBY, AND USES THEREOF

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL 507386199 US

Date of Deposit: January 30, 2002

I hereby state that the following attached papers or fees:

Utility Patent Application Transmittal, in duplicate (2 Pages)

Fee Transmittal, in duplicate (1 Page)

Specification (101 Pages); Claims (7 Pages); Abstract (1 Page); Total: 109 Pages

Drawings (16 Pages)

Two Return-Receipt Postcards

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Kathleen T. Litz

Signature of Person Mailing Paper and/or Fee